	Document ID	Issue Date	Title	Current OR	Current XRef	Retrieval Classif	Inventor
1	US 20020001499 A1	20020103	Serial recording apparatus	400/582	400/578		Hayashi, Yoshinori et al.
2	US 6364551 B1	20020402	Media advance system for a printer	400/582	400/578		Lesniak, Christopher M. et al.
3	US 6312177 B1	20011106	Line printer	400/578	347/104		Nureki, Shinji
4	US 6183151 B1	20010206	Sheet feeding apparatus	400/582	400/578		Kono, Takeshi
5	US 5308176 A	19940503	Apparatus for conveying paper in a printer	400/618	400/625; 400/636.2	400/625	Yamaguchi, Naoto
6	US 5241331 A	19930831	Sheet conveyor apparatus with slip transmission	346/134	271/272; 346/136; 400/625; 400/636; 400/636.2	400/625	Chiku, Kazuyoshi
7	US 5051014 A	19910924	Sheet feeding apparatus	400/625	271/116; 271/242; 271/902; 400/629	400/625	Takagi, Kazuhiko et al.
8	US 5149217 A	19920922	Selectively actuatable multiple medium feed mechanism for a micro printer	400/608.4	192/26; 400/585.1; 400/607		Narita, Hiroshi
9	US 4519700 A	19850528	Electronically gated paper aligner system	399/394	271/226; 271/248; 271/258.01; 271/258.03; 271/270; 347/153; 355/1; 358/296; 358/300		Barker, Robert B. et al.

Document ID	Issue Date	Title	Current OR	Current XRef	Retrieval Classif	Inventor
US 6298778 B1	20011009	Sheet feeding device for a printer	101/232	101/116; 101/118; 101/216; 271/10.05; 271/10.12; 271/10.13; 271/161; 271/270		Onodera, Takayuki et al.

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01/09/2003, EAST Version: 1.03.0002

L Number	Hits	Search Text	DB	Time stamp
·	552	(400/625).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 11:23
·	651	(400/624).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 10:51
·	1221	(400/636).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 10:52
·	839	(400/578).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 10:52
·	35	(400/271).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 10:53
·	95	((400/625).CCLS.) and (backlash or return)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:02
·	111	((400/624).CCLS.) and (backlash or return)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 10:55
·	136	((400/636).CCLS.) and (backlash or return)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 10:55
·	52	((400/578).CCLS.) and (backlash or return)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 10:56

Hits	Query	Databases	Date/Time
1	(((400/271).CCLS.) and (backlash or return)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 10:56
185	(((400/625).CCLS.) and (advanc$5 or convey$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:15
179	(((400/624).CCLS.) and (advanc$5 or convey$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:04
240	(((400/636).CCLS.) and (advanc$5 or convey$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:04
135	(((400/578).CCLS.) and (advanc$5 or convey$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:04
1	(((400/271).CCLS.) and (advanc$5 or convey$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:07
135	(((((400/625).CCLS.) and (advanc$5 or convey$5)) and motor$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:18
118	(((((400/624).CCLS.) and (advanc$5 or convey$5)) and motor$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:16
148	(((((400/636).CCLS.) and (advanc$5 or convey$5)) and motor$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:16

	Query	Databases	Date
71	((((400/578).CCLS.) and (advanc$5 or convey$5)) and motor$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:17
1	((((400/271).CCLS.) and (advanc$5 or convey$5)) and motor$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:17
125	(((((400/625).CCLS.) and (advanc$5 or convey$5)) and motor$1) and roller$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:19
117	(((((400/624).CCLS.) and (advanc$5 or convey$5)) and motor$1) and roller$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:19
142	(((((400/636).CCLS.) and (advanc$5 or convey$5)) and motor$1) and roller$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:19
61	(((((400/578).CCLS.) and (advanc$5 or convey$5)) and motor$1) and roller$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:20
1	(((((400/271).CCLS.) and (advanc$5 or convey$5)) and motor$1) and roller$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:20
93	((((((400/625).CCLS.) and (advanc$5 or convey$5)) and motor$1) and roller$1) and gear$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:21
86	((((((400/624).CCLS.) and (advanc$5 or convey$5)) and motor$1) and roller$1) and gear$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:21

Hits	Search Query	Databases	Date/Time
87	(((((400/636).CCLS.) and (advanc$5 or convey$5)) and motor$1) and roller$1) and gear$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:21
37	(((((400/578).CCLS.) and (advanc$5 or convey$5)) and motor$1) and roller$1) and gear$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:22
0	(((((400/271).CCLS.) and (advanc$5 or convey$5)) and motor$1) and roller$1) and gear$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:23
57	(((((400/624).CCLS.) and (advanc$5 or convey$5)) and motor$1) and roller$1) and gear$1) and predetermined	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:24
56	(((((400/636).CCLS.) and (advanc$5 or convey$5)) and motor$1) and roller$1) and gear$1) and predetermined	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:25
22	(((((400/578).CCLS.) and (advanc$5 or convey$5)) and motor$1) and roller$1) and gear$1) and predetermined	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:25
60	(((((400/625).CCLS.) and (advanc$5 or convey$5)) and motor$1) and roller$1) and gear$1) and predetermined	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/26 10:27
960	print$4 same reduction same (media or medium or paper$1 or sheet$1 or substrate$1) same position$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/26 14:30
105	(print$4 same reduction same (media or medium or paper$1 or sheet$1 or substrate$1) same position$1) and step$4 adj motor$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/26 15:44

	Search Query	Database	Date/Time
102	((print$4 same reduction same (media or medium or paper$1 or sheet$1 or substrate$1) same position$1) and step$4 adj motor$1) and control$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/26 15:51
62	(((print$4 same reduction same (media or medium or paper$1 or sheet$1 or substrate$1) same position$1) and step$4 adj motor$1) and control$4) and advanc$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/26 16:05
23	((((print$4 same reduction same (media or medium or paper$1 or sheet$1 or substrate$1) same position$1) and step$4 adj motor$1) and control$4) and advanc$5) and increment$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/26 16:14
53	((((print$4 same reduction same (media or medium or paper$1 or sheet$1 or substrate$1) same position$1) and step$4 adj motor$1) and control$4) and advanc$5) and predetermined	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/26 16:14
22	(((((print$4 same reduction same (media or medium or paper$1 or sheet$1 or substrate$1) same position$1) and step$4 adj motor$1) and control$4) and advanc$5) and increment$4) and predetermined	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/27 13:34
277	printer$1 same backlash	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/27 13:35
55	(printer$1 same backlash) and reduction	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 10:07
24	(backlash adj reduction) near2 (device$1 or apparatus$2 or system$1 or mechanism$1 or equiment$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 10:36
2	((backlash adj reduction) near2 (device$1 or apparatus$2 or system$1 or mechanism$1 or equiment$1)) and print$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 10:14

14	(backlash adj reduction) adj (device$1 or apparatus$2 or system$1 or mechanism$1 or equiment$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 11:23
0	(400/625.ccls.) and (backlash adj reduction) adj (device$1 or apparatus$1 or system$1 or mechanism$1 or equiment$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 11:25
0	(400/624.ccls.) and (backlash adj reduction) adj (device$1 or apparatus$2 or system$1 or mechanism$1 or equiment$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 11:26
0	(400/$.ccls.) and (backlash adj reduction) adj (device$1 or apparatus$2 or system$1 or mechanism$1 or equiment$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 11:29
0	(271/$.ccls.) and (backlash adj reduction) adj (device$1 or apparatus$2 or system$1 or mechanism$1 or equiment$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 11:30
0	(347/$.ccls.) and (backlash adj reduction) adj (device$1 or apparatus$2 or system$1 or mechanism$1 or equiment$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 13:26
388	feeding adj control adj (mechanism$1 or device$1 or apparatus$2 or system$1 or equipment$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 13:45
96	((feeding adj control adj (mechanism$1 or device$1 or apparatus$2 or system$1 or equipment$1)) and print$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 13:37
2	(((feeding adj control adj (mechanism$1 or device$1 or apparatus$2 or system$1 or equipment$1)) and print$4) and backlash$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 13:34

16	(((feeding adj control adj (mechanism$1 or device$1 or apparatus$2 or system$1 or equipment$1)) and print$4) and stepp$3		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 13:34
4	(feeding adj control adj (mechanism$1 or device$1 or apparatus$2 or system$1 or equipment$1)) and backlash		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 13:37
69	(paper or sheet or media or medium) adj feeding adj control adj (mechanism$1 or device$1 or apparatus$2 or system$1 or equipment$1)		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 16:33
1	((paper or sheet or media or medium) adj feeding adj control adj (mechanism$1 or device$1 or apparatus$2 or system$1 or equipment$1)) and backlash		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 14:49
1	((paper or sheet or media or medium or substrate) adj (feeding or delivering or conveying or advancing) adj control adj (mechanism$1 or device$1 or apparatus$2 or system$1 or equipment$1)) and backlash		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 16:40
81	(paper or sheet or media or medium or substrate) adj (feeding or delivering or conveying or advancing) adj control adj (mechanism$1 or device$1 or apparatus$2 or system$1 or equipment$1)		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 16:40
10	backlash near3 reduction adj system		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/06 12:16
3	("4310236").PN.		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/08 13:44